



CP/1711

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael H. B. Stowell, et al. Art Unit : 1711  
Serial No.: 09/934,989 Examiner : J. Mullis  
Filed : August 21, 2001  
Title : SOL-GEL ENCAPSULATION OF LIPID VESICLES, LIPID  
MEMBRANES AND PROTEINS

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U.S. Patent and Trademark Office  
Arlington, VA 22202

COMMUNICATION

In response to the office action mailed October 7, 2002,  
enclosed please find the signed Response which was previously  
filed on June 3, 2002.

No fees are believed to be due; however, please charge any  
fees or credits believed to be due to Account No. 06-1050.

Respectfully submitted,

Date: 10/18/02

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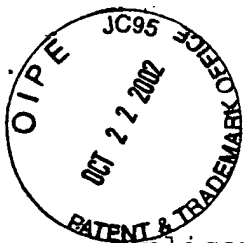
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Lucille M. Begalla



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Serial No.: 09/934,989 Examiner : Jeffrey C. Mullis  
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RESPONSE

In response to the action mailed February 4, 2002, the time for responding having been extended to June 4, 2002, by the accompanying petition and fee under 37 C.F.R. §1.136, please amend the application as follows:

In the claims:

Please cancel claim 7.

Please amend claims 1-6 and 8 as follows:

1. (Amended) A method of preparing a lipid membrane, the method comprising:

(a) providing a lipid membrane comprising a lipid monolayer, bilayer or multilayer;

(b) providing a plurality of silyl lipid molecules integrally-associated with the lipid membrane of (a), wherein each silyl lipid molecule comprises at least one silanol group; and

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